What Is Claimed Is:

1. An information processing apparatus, comprising:

production means for producing a plurality of first graphic images representative of output data to be outputted to a different information processing apparatus;

display means for successively displaying the first graphic images produced by said production means;

detection means for detecting a plurality of second graphic images representative of input data inputted from said different information processing apparatus in response to successive display of the second graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the second graphic images detected by said detection means.

2. An information processing method, comprising:

a production step of producing a plurality of first graphic images representative of output data to be outputted to a different information processing apparatus;

a display step of successively displaying the first

graphic images produced by the process at the production step;

a detection step of detecting a plurality of second graphic images representative of input data inputted from said different information processing apparatus in response to successive display of the second graphic images on said different information processing apparatus; and

an acquisition step of acquiring the input data based on the second graphic images detected by the process at the detection step.

3. A recording medium on which a computer-readable program is recorded, the program comprising:

a production step of producing a plurality of first graphic images representative of output data to be outputted to a different information processing apparatus;

a display controlling step of controlling successive display of the first graphic images produced by the process at the production step;

a detection controlling step of controlling detection of a plurality of second graphic images representative of input data inputted from said different information processing apparatus in response to

successive display of the second graphic images on said different information processing apparatus; and

an acquisition step of acquiring the input data based on the second graphic images detected by the process at the detection controlling step.

4. A program for causing a computer to execute:

a production step of producing a plurality of first graphic images representative of output data to be outputted to a different information processing apparatus;

a display controlling step of controlling successive display of the first graphic images produced by the process at the production step;

a detection controlling step of controlling detection of a plurality of second graphic images representative of input data inputted from said different information processing apparatus in response to successive display of the second graphic images on said different information processing apparatus; and

an acquisition step of acquiring the input data based on the second graphic images detected by the process at the detection controlling step.

5. An information processing apparatus, comprising:

production means for producing a plurality of graphic images representative of output data to be outputted to a different information processing apparatus; and

display means for successively displaying the graphic images produced by said production means.

6. The information processing apparatus according to claim 5, wherein the graphic images are two-dimensional codes each of which represents data of a predetermined data amount.

7. The information processing apparatus according to claim 5, wherein an image of one frame is displayed by a single screen scanning operation, and said display means successively displays one of the graphic images every time one frame is displayed.

8. The information processing apparatus according to claim 5, wherein the output data are image data, and said display means successively displays an image based on the image data and displays one of the graphic images in the proximity of the displayed image.

9. The information processing apparatus according to claim 5, further comprising outputting means for outputting sound based on music data, and wherein the output data are music data, and said display means

successively displays the graphic images in synchronism with said outputting means outputs sound based on the output data.

10. An information processing method, comprising:

a production step of producing a plurality of graphic images representative of output data to be outputted to a different information processing apparatus; and

a display step of successively displaying the graphic images produced by the process at the production step.

11. A recording medium on which a computer-readable program is recorded, the program comprising:

a production step of producing a plurality of graphic images representative of output data to be outputted to a different information processing apparatus; and

a display controlling step of controlling successive display of the graphic images produced by the process at the production step.

12. A program for causing a computer to execute:

a production step of producing a plurality of graphic images representative of output data to be outputted to a different information processing

apparatus; and

a display controlling step of controlling successive display of the graphic images produced by the process at the production step.

13. An information processing apparatus, comprising:

detection means for successively detecting a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the graphic images successively detected by said detection means.

14. The information processing apparatus according to claim 13, wherein the graphic images are two-dimensional codes each of which represents data of a predetermined data amount.

15. The information processing apparatus according to claim 13, further comprising:

display means for displaying a predetermined image; and

formation means for forming, at a portion of a

display region of said display means in which the image is displayed, a detection region in which the graphic images are successively detected by said detection means.

16. The information processing apparatus according to claim 15, wherein said formation means forms the detection region by applying, to each of pixels in the display region in which the detection region is formed, a voltage reverse to a voltage which is applied to each of pixels which display the image.

17. The information processing apparatus according to claim 15, wherein said detection means detects electric current generated in response to light from the outside in an active semiconductor layer of a transistor disposed in each of pixels which form the detection region to detect any of the graphic images.

18. The information processing apparatus according to claim 15, wherein said detection means detects electric current generated in response to light from the outside in an electroluminescent element disposed in each of pixels which form the detection region to detect any of the graphic images.

19. The information processing apparatus according to claim 15, wherein said formation means forms the detection region such that the detection region is

successively moved in synchronism with scanning of a screen by said display means.

20. The information processing apparatus according to claim 13, further comprising processing means for processing, when said acquisition means acquires instruction information associated with the input data and indicating a process of the input data, the input data in accordance with the instruction information.

21. The information processing apparatus according to claim 20, wherein the input data acquired by said acquisition means are image data, and said processing means controls display of an image corresponding to the image data based on the instruction information.

22. The information processing apparatus according to claim 20, wherein said processing means stores the input data acquired by said acquisition means in accordance with the instruction information.

23. The information processing apparatus according to claim 20, wherein said processing means controls transmission of the input data acquired by said acquisition means to another apparatus in accordance with the instruction information.

24. An information processing method, comprising:

a detection step of successively detecting a

plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

an acquisition step of acquiring the input data based on the graphic images successively detected by the process at the detection step.

25. A recording medium on which a computer-readable program is recorded, the program comprising:

a detection controlling step of controlling successive detection of a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

an acquisition step of acquiring the input data based on the graphic images successively detected by the process at the detection controlling step.

26. A program for causing a computer to execute:

a detection controlling step of controlling successive detection of a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive

display of the graphic images on said different information processing apparatus; and

an acquisition step of acquiring the input data based on the graphic images successively detected by the process at the detection controlling step.

27. An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over the direction of a voltage to be applied to each of the electroluminescent elements to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any of the electroluminescent elements driven for light reception as a result of the changeover by said changeover means when the electroluminescent element receives light.

28. The information processing apparatus according to claim 27, wherein said changeover means forms a detection region including a plurality of the pixels whose respective electroluminescent elements are driven

for light reception in a predetermined region of said display section.

29. The information processing apparatus according to claim 28, wherein said changeover means forms a display region including a plurality of the pixels whose respective electroluminescent elements are driven for light emission in a region of said display section which separated from the detection region.

30. The information processing apparatus according to claim 27, wherein said changeover means forms, in the proximity of a first pixel including a first electroluminescent element driven for light emission, a second pixel including a second electroluminescent element driven for light reception, and said detection means detects an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from the light emitted from said first electroluminescent element.

31. The information processing apparatus according to claim 30, wherein said detection means detects that a predetermined object is positioned in the proximity of a surface of said display section as an input from the outside.

32. The information processing apparatus according

to claim 30, wherein said detection means detects plane information of an object which contacts with or is positioned in the proximity of a surface of said display section as an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from the light emitted from said first electroluminescent element.

33. The information processing apparatus according to claim 30, wherein said first electroluminescent element emits light of a predetermined wavelength, and said second electroluminescent element has a high light reception sensitivity to light of the predetermined wavelength.

34. The information processing apparatus according to claim 27, further comprising image formation means for forming an image of an object positioned remotely from said display section, and wherein said detection means detects an image of an object formed by said image formation means as an input from the outside based on electric current generated when any of the electroluminescent elements which is driven for light reception receives light.

35. An information processing method for an information processing apparatus which includes a display

section including a plurality of pixels each including an electroluminescent element for emitting light to display an image, comprising:

a changeover step of changing over the direction of a voltage to be applied to each of the electroluminescent elements to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

a detection step of detecting an input from the outside based on electric current generated in any of the electroluminescent elements driven for light reception as a result of the changeover by the process at the changeover step when the electroluminescent element receives light.

36. A recording medium on which a computer-readable program for causing a computer to perform an information process by an information processing apparatus which includes a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image is recorded, the program comprising:

a changeover step of changing over the direction of a voltage to be applied to each of the electroluminescent elements to change over driving of the electroluminescent

element between driving for light emission and driving for light reception; and

a detection step of detecting an input from the outside based on electric current generated in any of the electroluminescent elements driven for light reception as a result of the changeover by the process at the changeover step when the electroluminescent element receives light.

37. A program for causing a computer to execute an information process by an information processing apparatus which includes a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image, the program comprising:

a changeover step of changing over the direction of a voltage to be applied to each of the electroluminescent elements to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

a detection step of detecting an input from the outside based on electric current generated in any of the electroluminescent elements driven for light reception as a result of the changeover by the process at the changeover step when the electroluminescent element

receives light.